

FILE 'BIOSIS, AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS,  
BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB,  
CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2,  
FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, ...' ENTERED AT 13:46:11 ON  
07 JAN 2003

L1	357 S AMYLOSE-FREE
L2	342 S L1 AND STARCH
L3	245 S L2 AND POTATO
L4	124 S L3 AND MUTANT
L5	0 S L4 AND HYDROPHOBIC
L6	18 S L4 AND ISOLATION

L6 ANSWER 1 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1993:117982 BIOSIS  
DOCUMENT NUMBER: PREV199395062082  
TITLE: **Isolation** and characterization of **potato**  
-tomato somatic hybrids using an **amylose-**  
**free potato mutant** as parental  
genotype.  
AUTHOR(S): Jacobsen, E. (1); Reinhout, P.; Bergervoet, J. E. M.; De  
Looff, J.; Abidin, P. E.; Huigen, D. J.; Ramanna, M. S.  
CORPORATE SOURCE: (1) Dep. Plant Breeding, Agric. Univ., NL-6700 AJ  
Wageningen Netherlands Antilles  
SOURCE: Theoretical and Applied Genetics, (1992) Vol. 85, No. 2-3,  
pp. 159-164.  
ISSN: 0040-5752.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L6 ANSWER 2 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1990:261826 BIOSIS  
DOCUMENT NUMBER: BA90:3912  
TITLE: REVERTANTS OF THE **AMYLOSE-FREE**  
**POTATO** CLONE 86.040 2N EQUALS 1X EQUALS 12.  
AUTHOR(S): JACOBSEN E; KRIJGSHELD H T; HOVENKAMP-HERMELINK J H M;  
PONSTEIN A S; WITHOLT B; FEENSTRA W J  
CORPORATE SOURCE: DEP. PLANT BREEDING, AGRIC. UNIV., WAGENINGEN, NETH.  
SOURCE: PLANT SCI (SHANNON), (1990) 67 (2), 177-182.  
CODEN: PLSCE4. ISSN: 0168-9452.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L6 ANSWER 3 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1988:133449 BIOSIS  
DOCUMENT NUMBER: BA85:68276  
TITLE: **ISOLATION OF AN AMYLOSE-FREE**  
**STARCH MUTANT OF THE POTATO**  
SOLANUM-TUBEROSUM L.  
AUTHOR(S): HOVENKAMP-HERMELINK J H M; JACOBSEN E; PONSTEIN A S; VISSER  
R G F; VOS-SCHEPERKEUTER G H; BIJMOLT E W; DE VRIES J N;  
WITHOLT B; FEENSTRA W J  
CORPORATE SOURCE: DEP. GENET., UNIV. GRONINGEN, KERKLAAN 30, NL-9751 NN  
HAREN, NETH.  
SOURCE: THEOR APPL GENET, (1987) 75 (1), 217-221.  
CODEN: THAGA6. ISSN: 0040-5752.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L6 ANSWER 4 OF 18 AGRICOLA  
ACCESSION NUMBER: 93:26595 AGRICOLA  
DOCUMENT NUMBER: IND93012429  
TITLE: **Isolation** and characterization of  
**potato**-tomato somatic hybrids using an  
**amylose-free potato**  
**mutant** as parental genotype.  
AUTHOR(S): Jacobsen, E.; Reinhout, P.; Bergervoet, J.E.M.; Looff,  
J. de; Abidin, P.E.; Huigen, D.J.; Ramanna, M.S.  
CORPORATE SOURCE: Agricultural University, Wageningen, The Netherlands  
AVAILABILITY: DNAL (442.8 Z8)  
SOURCE: Theoretical and applied genetics, Nov 1992. Vol. 85,  
No. 2/3. p. 159-164  
Publisher: Berlin, W. Ger. : Springer International.  
CODEN: THAGA6; ISSN: 0040-5752  
NOTE: Includes references.  
DOCUMENT TYPE: Article  
FILE SEGMENT: Non-U.S. Imprint other than FAO

LANGUAGE: English

L6 ANSWER 5 OF 18 AGRICOLA

ACCESSION NUMBER: 88:31267 AGRICOLA

DOCUMENT NUMBER: IND87096256

TITLE: **Isolation of an amylose-free starch mutant** of the **potato** (*Solanum tuberosum* L.).

AUTHOR(S): Hovenkamp-Hermelink, J.H.M.; Jacobsen, E.; Ponstein, A.S.; Visser, R.G.F.; Vos-Scheperkeuter, G.H.; Bijmolt, E.W.; De Vries, J.N.; Witholt, B.; Feenstra, W.J.

AVAILABILITY: DNAL (442.8 Z8)

SOURCE: Theoretical and applied genetics, 1987. Vol. 75, No. 1. p. 217-221 ill

Publisher: Berlin, W. Ger. : Springer International.

CODEN: THAGA6; ISSN: 0040-5752

NOTE: Includes references.

DOCUMENT TYPE: Article

FILE SEGMENT: Non-U.S. Imprint other than FAO

LANGUAGE: English

L6 ANSWER 6 OF 18 CABA COPYRIGHT 2003 CABI

ACCESSION NUMBER: 2002:103357 CABA

DOCUMENT NUMBER: 20013155412

TITLE: Two approaches for induction and **isolation** of **starch mutants** in **potato** (*Solanum tuberosum* L.): random versus gene targeted mutagenesis

AUTHOR: Hoogkamp, T. J. H.

CORPORATE SOURCE: Laboratory of Plant Breeding, Thesis Wageningen University, P.O. Box 386, 6700 AJ, Wageningen, Netherlands.

SOURCE: Two approaches for induction and isolation of starch mutants in potato (*Solanum tuberosum* L.): random versus gene targeted mutagenesis, (2001) pp. v + 93. many ref.

Publisher: Wageningen Universiteit (Wageningen University). Wageningen

ISBN: 90-5808-453-1

PUB. COUNTRY: Netherlands Antilles

DOCUMENT TYPE: Dissertation

LANGUAGE: English

SUMMARY LANGUAGE: Dutch

L6 ANSWER 7 OF 18 CABA COPYRIGHT 2003 CABI

ACCESSION NUMBER: 94:18712 CABA

DOCUMENT NUMBER: 941601249

TITLE: **Isolation** and characterisation of somatic hybrids of diploid *Solanum tuberosum* and *Solanum brevidens* and the use of **amylose-free starch** mutation for detection of introgression

AUTHOR: Jacobsen, E.; Malyar, R.; Huigen, D. J.; Bergervoet, J. E. M.; Ramanna, M. S.

CORPORATE SOURCE: Department of Plant Breeding, Agricultural University, PO Box 386, 6700 AJ, Wageningen, Netherlands.

SOURCE: Euphytica, (1993) Vol. 69, No. 3, pp. 191-201. 27 ref.

ISSN: 0014-2336

DOCUMENT TYPE: Journal

LANGUAGE: English

L6 ANSWER 8 OF 18 CABA COPYRIGHT 2003 CABI  
 ACCESSION NUMBER: 93:146636 CABA  
 DOCUMENT NUMBER: 931646478  
 TITLE: Manipulation of **starch** biosynthesis in  
**potato** and its implications for breeding  
 AUTHOR: Jacobsen, E.; Flipse, E.; Kuipers, A. J.; Pereira,  
 A.; Visser, R. G. F.; Rousselle-Bourgeois, F.  
 [EDITOR]; Rousselle, P. [EDITOR]  
 CORPORATE SOURCE: Department of Plant Breeding, Wageningen  
 Agricultural University, Wageningen, Netherlands.  
 SOURCE: (1992) pp. 68-71. 12 ref.  
 Publisher: INRA. Ploudaniel  
 Meeting Info.: Proceedings of the Joint Conference  
 of the EAPR Breeding & Varietal Assessment Section  
 and the EUCARPIA Potato Section, Landerneau, France,  
 12-17 January 1992.  
 ISBN: 2-7380-0416-4  
 PUB. COUNTRY: France  
 DOCUMENT TYPE: Conference Article  
 LANGUAGE: English

L6 ANSWER 9 OF 18 CABA COPYRIGHT 2003 CABI  
 ACCESSION NUMBER: 93:31051 CABA  
 DOCUMENT NUMBER: 931636251  
 TITLE: **Isolation** and characterization of  
**potato**-tomato somatic hybrids using an  
**amylose-free potato**  
**mutant** as parental genotype  
 AUTHOR: Jacobsen, E.; Reinhout, P.; Bergervoet, J. E. M.;  
 Looff, J. de; Abidin, P. E.; Huigen, D. J.; Ramanna,  
 M. S.; De Looff, J.  
 CORPORATE SOURCE: Department of Plant Breeding, Agricultural  
 University, 6700 AJ Wageningen, Netherlands.  
 SOURCE: Theoretical and Applied Genetics, (1992) Vol. 85,  
 No. 2-3, pp. 159-164. 28 ref.  
 ISSN: 0040-5752  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L6 ANSWER 10 OF 18 CABA COPYRIGHT 2003 CABI  
 ACCESSION NUMBER: 90:83716 CABA  
 DOCUMENT NUMBER: 901613678  
 TITLE: Revertants of the **amylose-free**  
**potato** clone 86.040 ( $2n = 1x = 12$ )  
 AUTHOR: Jacobsen, E.; Krijgsheld, H. T.;  
 Hovenkamp-Hermelink, J. H. M.; Ponstein, A. S.;  
 Witholt, B.; Feenstra, W. J.  
 CORPORATE SOURCE: Department of Genetics, Biological Center,  
 University of Groningen, Haren, Groningen,  
 Netherlands.  
 SOURCE: Plant Science (Limerick), (1990) Vol. 67, No. 2, pp.  
 177-182. 11 ref.  
 ISSN: 0168-9452  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L6 ANSWER 11 OF 18 CABA COPYRIGHT 2003 CABI  
 ACCESSION NUMBER: 88:29920 CABA  
 DOCUMENT NUMBER: 881670281  
 TITLE: **Isolation** of an **amylose-**  
**free starch mutant** of  
 the **potato** (*Solanum tuberosum* L.)  
 AUTHOR: Hovenkamp-Hermelink, J. H. M.; Jacobsen, E.;  
 Ponstein, A. S.; Visser, R. G. F.;

Vos-Scheperkeuter, G. H.; Bijmolt, E. W.; Vries, J. N. de; Witholt, B.; Feenstra, W. J.  
CORPORATE SOURCE: Dep. Genet., Univ. Groningen, Kerklaan 30, 9751 NN Haren, Netherlands.  
SOURCE: Theoretical and Applied Genetics, (1987) Vol. 75, No. 1, pp. 217-221. 22 ref.  
ISSN: 0040-5752  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L6 ANSWER 12 OF 18 CABA COPYRIGHT 2003 CABI  
ACCESSION NUMBER: 88:16696 CABA  
DOCUMENT NUMBER: 881669095  
TITLE: **Isolation** and characterization of a **mutant of potato** containing amylopectin as the sole **starch** component  
AUTHOR: Feenstra, W. J.; Hovenkamp-Hermelink, J. H. M.; Jacobsen, E.; Ponstein, A. S.; Visser, R. G. F.; Vos-Scheperkeuter, G. H.; Witholt, B.; Foldo, N. E. [EDITOR]; Hansen, S. E. [EDITOR]; Nielsen, N. K. [EDITOR]; Rasmussen, R. [EDITOR]  
CORPORATE SOURCE: Dep. Genet., Univ. Groningen, Netherlands.  
SOURCE: (1987) pp. 188. 4 ref.  
Publisher: EAPR. Aalborg  
Meeting Info.: Abstracts of conference papers and posters of the 10th triennial conference of the European Association for Potato Research, Aalborg, Denmark, 26-31 July 1987.  
PUB. COUNTRY: Denmark  
DOCUMENT TYPE: Conference Article; Abstract  
LANGUAGE: English

L6 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:403320 CAPLUS  
DOCUMENT NUMBER: 113:3320  
TITLE: Revertants of the **amylose-free potato** clone 86.040 (2n = 1x = 12)  
AUTHOR(S): Jacobsen, E.; Krijgsheld, H. T.; Hovenkamp-Hermelink, J. H. M.; Ponstein, A. S.; Witholt, B.; Feenstra, W. J.  
CORPORATE SOURCE: Dep. Genet., Univ. Groningen, Groningen, Neth.  
SOURCE: Plant Science (Shannon, Ireland) (1990), 67(2), 177-82  
CODEN: PLSCE4; ISSN: 0168-9452  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L6 ANSWER 14 OF 18 PASCAL COPYRIGHT 2003 INIST-CNRS. ALL RIGHTS RESERVED.  
ACCESSION NUMBER: 1993-0130746 PASCAL  
TITLE (IN ENGLISH): **Isolation** and characterization of **potato-tomato** somatic hybrids using an **amylose-free potato mutant** as parental genotype  
AUTHOR: JACOBSEN E.; REINHOUT P.; BERGERVOET J. E. M.; DE LOOFF J.; ABIDIN P. E.; HUIGEN D. J.; RAMANNA M. S.  
CORPORATE SOURCE: Agricultural univ., dep. plant breeding, 6700 AJ Wageningen, Netherlands  
SOURCE: Theoretical and applied genetics, (1992), 85(2-3), 159-164, refs. 1 p.  
ISSN: 0040-5752 CODEN: THAGA6  
DOCUMENT TYPE: Journal  
BIBLIOGRAPHIC LEVEL: Analytic  
COUNTRY: Germany, Federal Republic of  
LANGUAGE: English  
AVAILABILITY: INIST-395, 354000032293830060

L6 ANSWER 15 OF 18 PASCAL. COPYRIGHT 2003 INIST-CNRS. ALL RIGHTS RESERVED.

ACCESSION NUMBER: 1990-0186524 PASCAL  
TITLE (IN ENGLISH): **Isolation of an amylose-free starch mutant of the potato** (Solanum tuberosum L.)  
AUTHOR: HOVENKAMP-HERMELINK J. H. M.; JACOBSEN E.; PONSTEIN A. S.; VISSER R. G. F.; VOS-SCHEPERKEUTER G. H.; BIJMOLT E. W.; DE VRIES J. N.; WITHOLT B.; FEENSTRA W. J.  
CORPORATE SOURCE: Univ. Groningen, dep. genetics, Haren NN 9751, Netherlands  
SOURCE: Theoretical and applied Genetics, (1989), 75(1), 217-221, 20 refs.  
ISSN: 0040-5752 CODEN: THAGA6  
DOCUMENT TYPE: Journal  
BIBLIOGRAPHIC LEVEL: Analytic  
COUNTRY: Germany, Federal Republic of  
LANGUAGE: English  
AVAILABILITY: CNRS-395

L6 ANSWER 16 OF 18 SCISEARCH COPYRIGHT 2003 ISI (R)

ACCESSION NUMBER: 93:745290 SCISEARCH  
THE GENUINE ARTICLE: ML801  
TITLE: **ISOLATION AND CHARACTERIZATION OF SOMATIC HYBRIDS OF DIPLOID SOLANUM-TUBEROSUM AND SOLANUM-BREVIDENS AND THE USE OF AMYLOSE-FREE STARCH MUTATION FOR DETECTION OF INTROGRESSION**  
AUTHOR: JACOBSEN E (Reprint); MALVAR R; HUIGEN D J; BERGERVOET J E M; RAMANNA M S  
CORPORATE SOURCE: AGR UNIV WAGENINGEN, DEPT PLANT BREEDING, 6700 HB WAGENINGEN, NETHERLANDS (Reprint)  
COUNTRY OF AUTHOR: NETHERLANDS  
SOURCE: EUPHYTICA, (1993) Vol. 69, No. 3, pp. 191-201.  
ISSN: 0014-2336.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: AGRI  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 27

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 17 OF 18 SCISEARCH COPYRIGHT 2003 ISI (R)

ACCESSION NUMBER: 92:680611 SCISEARCH  
THE GENUINE ARTICLE: JY222  
TITLE: **ISOLATION AND CHARACTERIZATION OF POTATO -TOMATO SOMATIC HYBRIDS USING AN AMYLOSE-FREE POTATO MUTANT AS PARENTAL GENOTYPE**  
AUTHOR: JACOBSEN E (Reprint); REINHOUT P; BERGERVOET J E M; DELOOFF J; ABIDIN P E; HUIGEN D J; RAMANNA M S  
CORPORATE SOURCE: AGR UNIV WAGENINGEN, DEPT PLANT BREEDING, 6700 AJ WAGENINGEN, NETHERLANDS (Reprint)  
COUNTRY OF AUTHOR: NETHERLANDS  
SOURCE: THEORETICAL AND APPLIED GENETICS, (NOV 1992) Vol. 85, No. 2-3, pp. 159-164.  
ISSN: 0040-5752.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; AGRI  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 18 OF 18 SCISEARCH COPYRIGHT 2003 ISI (R)

ACCESSION NUMBER: 87:704822 SCISEARCH  
THE GENUINE ARTICLE: L3057

TITLE: ISOLATION OF AN AMYLOSE-FREE  
STARCH MUTANT OF THE POTATO  
(SOLANUM-TUBEROSUM-L)

AUTHOR: HOVENKAMPHERMELINK J H M (Reprint); JACOBSEN E; PONSTEIN A  
S; VISSER R G F; VOSSCHEPERKEUTER G H; BIJMOLT E W;  
DEVRIES J N; WITHOLT B; FEENSTRA W J

CORPORATE SOURCE: STATE UNIV GRONINGEN, DEPT GENET, KERKLAAN 30, 9751 NN  
HAREN, NETHERLANDS (Reprint); STATE UNIV GRONINGEN, DEPT  
BIOCHEM, 9747 AG GRONINGEN, NETHERLANDS

COUNTRY OF AUTHOR: NETHERLANDS

SOURCE: THEORETICAL AND APPLIED GENETICS, (1987) Vol. 75, No. 1,  
pp. 217-221.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE; AGRI

LANGUAGE: ENGLISH

REFERENCE COUNT: 20